

Title (en)

PULVERULENT PIGMENTS HAVING IMPROVED RHEOLOGIC PROPERTIES, METHOD FOR THE PRODUCTION AND UTILIZATION THEREOF WITH A CONTENTS OF AT LEAST 5% OF NON SUBSTITUTED CHINACRIDON

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Application

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Abstract (en)

[origin: WO8603763A1] Pulverulent pigments containing at least 5% of unsubstituted chinacridon and having improved rheologic properties are used in lacquer systems based on alkyde/melamine, acryl/melamine, acrylate/isocyanate or polyester/isocyanate of the conventional type as well as of a more modern art of "high solids" on which are applied before, during or after finish, from 1 to 20% of the active substance of a lacquer additive of the polyurethane series produced by reacting polyisocyanurates comprising further free isocyanate groups, based on toluylenediisocyanate, hexamethylenediisocyanate or mixtures thereof with (1) aliphatic mono- or poly-(hydroxycarbon acid)-alkyl-C1-C20-esters (polymerization grade comprised between 2 and 50), (2) polyethyleneglycols (with a molar weight comprised between 500 and 1500) and (3) saturated or unsaturated heterocycles with 5 to 6 members containing at least one nitrogen atom in the ring and reactant amino- or hydroxyalkyl-C1-C6 groups till all isocyanate groups have disappeared. The invention also relates to the production and utilization of the pigments as dyestuff of polymer materials and of lacquer systems.

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